1. **What percent of a day in 6 hours?**

   1.25%

   2.52%

   3.50%

   4.5%

   Answer & Solution

2. **Two-fifth of one-third of three seventh of a number is 15.What is 40% of that number?**

   1.501

   2.105

   3.525

   4.150

   Answer & Solution

3. **The population of of a town is 176000.If it increase at the rate of 5% per annum,what will be it's population 2 years hence?**

   1.194000

   2.194040

   3.190440

   4.194104

   Answer & Solution

Note: The Information Provided here is only for reference. It May vary the Original.

4. **The length and breath of a rectangle are increased by 20% and 30%.The area of the resulting rectangle exceeds the area of the original rectangle?**
   1.50%
   2.65%
   3.56%
   4.156%

   Answer & Solution

5. **Water tax is is increased by 20% but its consumption is decreased by 20%.Then increase or decrease in the expenditure of the money is**
   1.40%
   2.4%
   3.96%
   4.None of the above.

   Answer & Solution

6. **Sugar contain 5% water .What quantity of pure Sugar should be added to 10 litres of water to reduce this to 2%.**
   1.5lit
   2.6lit
   3.10lit
   4.15lit

   Answer & Solution

Note: The Information Provided here is only for reference. It May vary the Original.

7. **In an election between 2 candidates,Candidate who gets 40% of the total vote defeated by 15000.The no of votes polled by winner**

1.10000

2.45000

3.30000

4.6000

Answer & Solution

8. **The price of a fan is decreased by 20%.as a result of wh ich the sale increased by 40%.What will be the effect on the total revenue of the shop?**

1.12%

2.10%

3.20%

4.30%

Answer & Solution

9. **Raj save 10%,after 2 years when his income is increased by 10%,he could save the same money then how much his expenditure increased?**

Note: The Information Provided here is only for reference. It May vary the Original.

1.10%
2.20%
3.5%
4.15%

Answer & Solution

10. **If x% of y is equal to z then what percentage of z is x?**

1.y^2 /100
2.x^2/100
3.100^2/y
4.100^2/x

Answer & Solution

1. **45% of ? = 25% of 355**

A)195
B)176
C)127
D)197.22

Answer

2. **Mil contain 10% of water.What quantity of pure milk is should be added to 15litre of milk to reduce the water percentage is 7%**

A)6 lit

B)6.4 lit
C)6.2 lit
D)6.6 lit

Answer

$=(1.5)/(x+15)=7/100$

3. **Out of 500 students of a school 35% students plays football, 25% plays cricket and 20% neither play football nor cricket.How many students play football and cricket ?**
A)200
B)100
C)50
D)94

Answer

4. **The price of sugar is reduced by 3%.How many kg of sugar can now be bought for the money which was sufficient to buy 50kg of rice earlier ?**
A)50kg
B)55kg

Note: The Information Provided here is only for reference. It May vary the Original.

C)51.5kg
D)56kg

Answer

5. **Fresh fruits contains 70% of water and dry fruits contain 20% of water.How much dry fruit can be obtained from 100kg of fresh fruits ?**
A)35
B)37
C)37.5
D)40

Answer

6. **In an examination , full mark is 500, A gets 25% more than B, B gets 40% more than C and C gets 60% more than D.If A got 320 ,what percentage of full marks did D got (approx)?**
A)21
B)22

C)23
D)24

Answer

7. **If Harish height is 30% less than that of Yokesh , How much percentage Yokesh height is more than that of Harish ?**
A)42.58%
B)42.8%
C)42.83%
D)42.85%

Answer

$30/((100-30)\times 100)=(3000/70)=42.85\%$

8. **Depreciation applicable to an equipment is 25.%. The value of the equipment after 4 years from now will be less by(in percentage)?**
A)68.36%
B)68.63%
C)68.33%
D)68.66%

Note: The Information Provided here is only for reference. It May vary the Original.

Answer

$[100\times(1-25/100)^4]=100\times3/4\times3/4\times3/4\times3/4$

9. **The population of a city is increased 5% ,7% and 11% in the last three years, What will be the present population if the population of a town is 2,40,000 three years ago ?**

A)2,99,600
B)2,99,500
C)2,99,400
D)2,99,300

Answer

10. **500 pencils were distributed equally among children in such a way that the number of pencil received by each child is 20% of the total number of children. How many pencil did each child receive ?**

A)45
B)50
C)55
D)43

Answer

Note: The Information Provided here is only for reference. It May vary the Original.

1. **One type of liquid contains 20% water and the second type of liquid contains 35% water.A glass filled with 8 parts of the first liquid and 5 parts of the second liquid.The water percentage in the new mixture is**

A)25.75

B)25.76

C)25.67

D)25.56

E)None of these

Answer

2. **In an examination there are 3 subjects Maths,Science and Social of 100 marks each. Ganesh scores 60% and 80% in Maths and Science.He scored 70% in aggregate.His Percentage of mark in Social is**

A)50

B)60

C)70

D)80

E)None of these

Answer

3. **If the radius of the circle is increased by 5% then the area is increased by**

Note: The Information Provided here is only for reference. It May vary the Original.

A)10.20
B)10.22
C)10.24
D)10.25
E)None of these

Answer

4. **A number is mistakenly divided by 8 instead of being multiplied by 8.What is the percentage of error in the result ?**
A)98.43
B)98.34
C)95.76
D)97.76
E)None of these

Answer

5. **A book consist of 45 pages, 30 lines on each page and 60 character on each line.If this content is written in another note book consisting of 40 lines and 32 character oer line then the required no of pages will be how much percentage more than the previous no of pages ?**
A)20%
B)30%

Note: The Information Provided here is only for reference. It May vary the Original.

C)40%
D)50%
E)None of these

Answer

6. **In an election a candidate who got 25% of the total votes polled was defeated by his rival by 270 votes. Assuming that there were only 2 candidates in the election,the total number of votes polled was**
A)400
B)500
C)440
D)540
E)None of these

Answer

7. **The total number of girls in a class is 45% more than the total number of boys in the class.The total number of students in the class is 294 then what is the difference between the total number of girls and boys ?**

Note: The Information Provided here is only for reference. It May vary the Original.

A)54
B)52
C)76
D)78
E)70

Answer

8. **The population of a town is 16500.During the last 3 years,the population increased at the rate of 20% per year.The population 3 years ago was**

A)9546
B)9547
C)9548
D)9549
E)9550

Answer

Note: The Information Provided here is only for reference. It May vary the Original.

9. **The mean annual salary paid to all employees was Rs.5000.The mean annual salary paid to all male and female workers were Rs.5200 and Rs.4200.The percentage of female worker in the company is**

A)80%

B)20%

C)60%

D)40%

E)None of these

Answer

10. **The passing marks in an examination is 40%.If Ashok gets 88 marks and is declared failed by 10 marks, then the maximum mark in the examination is**

A)240

B)242

C)245

D)246

E)None of these

Answer

Answer -C) 245

Explanation :

88+10 = 98

Pass mark = 40%

Note: The Information Provided here is only for reference. It May vary the Original.

Maximum mark = (98×100)/40 =245
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1. **From the salary, Akilesh spent 15% for house rent, 5% for children's education and 15% for Entertainment. Now he left with Rs.13,000. His salary is**
   A)19,000
   B)20,000
   C)18,000
   D)15,000

   Answer

2. **In a School, 40% of the students are female and thus the no of boys exceed the no of girls by 40.Find the total no of students.**
   A)190
   B)100
   C)200
   D)180

   Answer

Note: The Information Provided here is only for reference. It May vary the Original.

3. **In an examination 30% of the students failed in Science, 45% of the students failed in Maths and 25% of the students failed in both subjects. Find the % of the students passed ?**

A)60%

B)30%

C)45%

D)50%

Answer

4. **In an examination Ammu scored 56% marks, Saran scored 90% marks and Rima scored 650 marks that is 65% then find the total marks of three students ?**

A)2110

B)1250

C)2450

D)2010

Answer

5. **The salary of a workers increased by 15% and decreased by 7%, What % change rises in his salary ?**

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A)10%
B)7%
C)5%
D)8%

Answer

6. **The population of a village is decreased by 12% and 10% in 2 successive years. What % population is decreased after 2 years ?**
A)18.4%
B)30.6%
C)20.8%
D)23.5%

Answer

7. **In an examination, 30% of the maximum marks required to pass. A student get 120marks and failed by 90marks. Find the maximum marks**
A)800
B)720
C)650
D)700

Note: The Information Provided here is only for reference. It May vary the Original.

Answer

8. **P's income is 20% more than Q's income. How much % Q's income less than P's income ?**
   A)18.54%
   B)16.67%
   C)17.76%
   D)15.75%

Answer

9. **The price of rice is increased by 15%. The percentage of reduction that a family should effect in that use of rice, so as not to increase the expenditure is**
   A)13%
   B)10%
   C)15%
   D)17%

Answer

Note: The Information Provided here is only for reference. It May vary the Original.

10. **The value of commodity depreciated 20% annually. If the value of commodity 3yrs ago was Rs.10,500,Find it's present value ?**

A)3678

B)5700

C)4567

D)5376

Answer

1. **If x is 20% more than y, then by what percent y is smaller than x.**

a) 50/3 %

b) 40/3 %

c) 46/3 %

d) 47/3 %

Answer & Solution

2. **In an alloy, there is 15% of brass, to get 90 kg of brass, how much alloy is needed ?**

a) 400 kg

b) 500 kg

c) 600 kg

d) 700

Answer & Solution

Note: The Information Provided here is only for reference. It May vary the Original.

3. **25 litre of solution contains alcohol and water in the ratio 2:3. How much alcohol must be added to the solution to make a solution containing 60% of alcohol ?**
   a) 10.5 ltr
   b) 11.5 ltr
   c) 12.5 ltr
   d) 13.5 ltr

   Answer & Solution

4. **In an examination if a person get 20% of the marks then it is fail by 30 marks. Another person who gets 30% marks gets 30 marks more than the passing marks. Find out the total marks and the passing marks.**
   a) 600 and 150
   b) 600 and 180
   c) 500 and 150
   d) 500 and 180

   Answer & Solution

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5. **A company has produced 900 pieces of transistor out of which 15% are defective and out of remaining 20 % were not sold. Find out the number of sold transistor.**

a) 610

b) 611

c) 612

d) 614

Answer & Solution

6. **In an election the votes between the winner and loser candidate are in the ratio 5:1. If total number of eligible voters are 1000, out of which 12% did not cast their vote and among the remaining vote 10% declared invalid. What is the number of votes the winner candidate get ?**

a) 620

b) 630

c) 640

d) 660

Answer & Solution

7. **If the price of a commodity is increased by 30%, by how much % a consumer must reduce his consumption so to keep the**

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expenditure same ?

a) 100/13

b) 200/13

c) 300/13

d) 400/13

Answer & Solution

8. **1000 sweets need to be distributed equally among the school students in such a way that each student gets sweet equal to 10% of total students. Then the number of sweets, each student gets.**

a) 10

b) 12

c) 14

d) 16

Answer & Solution

9. **Rishi salary is first increased by 20% and then decreased by 25%. How much percent the salary increased/decreased ?**

a) 5%

b) 10%

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c) 15%

d)20%

Answer & Solution

10. **The income of a person is 10000 and its expenditure is 6000 and thus saves 4000rs. In the next year his income is increased by 10% and its expenditure increased by 20%. Now his saving is what percent lower than the previous saving.**

a) 5%

B) 7.5%

c) 10%

d) 15%

Answer & Solution

1. **40% of the students like Mathematics, 50% like English and 10% like both Mathematics and English. What % of the students like neither English nor Mathematics?**

A) 25%

B) 10%

C) 20%

D) 60%

E) 80%

Answer & Explanation

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2. **A watermelon weighing 20 kg contains 96% of water by weight. It is put in sun for some time and some water evaporates so that now it contains only 95% of water by weight. The new weight of watermelon would be?**

A) 17 kg

B) 15 kg

C) 18.5 kg

D) 16 kg

E) 18 kg

Answer & Explanation

3. **If the price of wheat is reduced by 2%. How many kilograms of wheat a person can buy with the same money which was earlier sufficient to buy 49 kg of wheat?**

A) 58 kg

B) 60 kg

C) 52 kg

D) 55 kg

E) 50 kg

Answer & Explanation

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4. **Monthly salary of A is 30% more than B's monthly salary and B's monthly salary is 20% less than C's. If the difference between the monthly salaries of A and C is Rs 800, then find the annual salary of B.**

A) Rs 14,500

B) Rs 16,800

C) Rs 15,000

D) Rs 16,000

E) None of these

Answer & Explanation

5. **Mixture 1 contains 20% of water and mixture 2 contains 35% of water. 10 parts from 1st mixture and 4 parts from 2nd mixture is taken and put in a glass. What is the percentage of water in the new mixture of glass?**

A) 17 (5/7)%

B) 24 (2/7)%

C) 28 (1/5)%

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D) 24 (1/7)%
E) 18 (2/7)%

Answer & Explanation

6. **3 years ago the population of a town was 1,60,000. In the three respective years the population increased by 3%, 2.5% and 5% respectively. What is the population of town after 3 years?**
A) 1,77,366
B) 1,66,733
C) 1,76,736
D) 1,80,766
E) 1,69,766

Answer & Explanation

7. **There are 2500 students who appeared for an examination. Out of these, 35% students failed in 1 subject and 42% in other subject and 15% of students failed in both the subjects. How many of the students passed in either of the 2 subjects but not in both?**
A) 1925
B) 1175
C) 1275
D) 1100
E) 1800

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

8. **A bucket is filled with water such that the weight of bucket alone is 25% its weight when it is filled with water. Now some of the water is removed from the bucket and now the weight of bucket along with remaining water is 50% of the original total weight. What part of the water was removed from the bucket?**

A) 2/5
B) 1/4
C) 2/3
D) 1/2
E) 1/3

Answer & Explanation

9. **In a survey done by a committee, it was found that 4000 people have smoking habit. After a month this number rose by 5%. However due to continuous advices given by the committee to**

Note: The Information Provided here is only for reference. It May vary the Original.

the people, the number reduced by 5% in the next month and further by 10% in the next month. What is the total number of smokers after 3 months?

A) 3457

B) 3491

C) 3578

D) 3591

E) 3500

Answer & Explanation

10. **There are 5000 students in a school. The next year it was found that the number of boys and girls increased by 10% and 15% respectively making the total number of students in school as 5600. Find the number of girls originally in the school?**

A) 4500

B) 2000

C) 3000

D) Cannot be determined

E) None of these

Answer & Explanation

1. **If the price of an article is increased by 15%, then by how much the household should decrease their consumption so as to keep his expenditure same.**

1.13(1/23)%

2.13(2/23)%

3.11(1/23)%

Note: The Information Provided here is only for reference. It May vary the Original.

4.11(2/23)%

5.None of these

Answer & Explanation

2. **The ratio between male and female in a city is 3: 7. The children percentage among the males and females of the city is 25 and 30 percent respectively. If the number of adult males in the city is 18000, then find the population of the town?**

1.70000

2.80000

3.85000

4.95000

5.None of these

Answer & Explanation

3. **Pankaj gave 50 percent of the amount to akash. Akash in turn gave two-fifth of the amount to venu. After paying a bill of 500 rupees, venu now have 8000 rupees left with him. Find the amount hold by pankaj initially.**

1.41500

2.42500

3.43500

Note: The Information Provided here is only for reference. It May vary the Original.

4.44500

5.None of these

Answer & Explanation

4. **Rakesh spent 30 percent of his monthly income on food items. Of the remaining amount he spent 60 percent on clothes and bills. Now he save five-seventh of the remaining amount and the he saves 120000 yearly, then find his monthly income.**

1.40000

2.50000

3.60000

4.70000

5.None of these

Answer & Explanation

5. **Weight of A and B are in the ratio of 3:5. If the weight of A is increased by 20 percent and then the total weight becomes 132 kg with an increase of 10 percent. B weight is increased by what percent.**

1.2%

2.3%

3.4%

4.5%

5.None of these

Answer & Explanation

6. **When the price of rice is increased by 25 percent, a family reduces its consumption such that the expenditure is only 10 percent more than before. If 40 kg of rice is consumed by family before, then find the new consumption of family.**

1.35.2

2.35.2

3.36.2

4.37.2

5.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

7. **The price of rice is increased by 20 percent and a person decrease his consumption by 15 percent, so his expenditure on rice is-**

1.increase by 2 percent
2.increase by 4 percent
3.decrease by 2 percent
4.decrease by 4 percent
5.None of these

Answer & Explanation

8. **A salary is 40 percent more than B. B's salary is 30 percent less than C. If the difference between the salary of C and A is 1200 rupees, then what is the monthly income of C**

1.50000
2.60000
3.70000
4.80000
5.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

9. **When the price of rice is increased by 30 percent, a family reduces its consumption such that the expenditure is only 20 percent more than before. If 50 kg of rice is consumed by family before, then find the new consumption of family (approx.)**

1.43kg

2.44kg

3.45kg

4.46kg

5.None of these

Answer & Explanation

10. **One type of liquid contains 20 percent of milk and second type of liquid contains 40 percent milk. If 4 part of the first and 6 part of the second are mix, then what is the percent of water in the mixture.**

1.64%

2.66%

3.68%

4.70%

5.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

1. **In a library 5 percent books are in English, 10 percent of the remaining are in hindi and 15 percent of the remaining are in Sanskrit. The remaining 11628 books are in French. Then find the total number of books in the library.**
   a) 8000
   b) 12000
   c) 16000
   d) 20000
   e) None of these

   Answer & Explanation

2. **A solution contains 10% of salt by weight. On evaporation 15 litre of water evaporates and now concentration of salt becomes 20 percent. Find the initial quantity of solution**
   a) 20ltr
   b) 30ltr
   c) 40ltr
   d) 50ltr
   e) None of these

   Answer & Explanation

3. **A student has to get 40 percent marks to pass an examination. He got 60 marks but fails by 20 marks. Find the maximum marks of the examination.**

Note: The Information Provided here is only for reference. It May vary the Original.

a) 150
b) 200
c) 300
d) 400
e) None of these

Answer & Explanation

4. **The number of seats in a cinema hall is decreased by 12 percent and the price of tickets also decreased by 4 percent. Find the change in the collection of revenue.**
a) decrease 15.52%
b) decrease 16.52%
c) decrease 17.52%
d) decrease 14.325
e) None of these

Answer & Explanation

5. **A trader marks the price at 8 percent higher than the original price. Due to the hike in demand he again increases the price by 10 percent. How much percent profit he gets.**
a) 17.8%
b) 18.8%
c) 19.8%

Note: The Information Provided here is only for reference. It May vary the Original.

d) 20.8%

e) None of these

Answer & Explanation

6. **The population of a town is 15000. It increases by 10 percent in the first year and 20 percent in the second year. But in the third year it decreases by 10 percent. What will be the population after 3 years.**

a) 16820

b) 15820

c) 17820

d) 19820

e) None of these

Answer & Explanation

7. **One type of liquid contains 20 percent milk and in other liquid it contains 30 percent milk. If 4 parts of the first and 6 parts of the second are taken and formed a new liquid A. Find the percentage of milk in third liquid.**

a) 26

b) 28

c) 29

Note: The Information Provided here is only for reference. It May vary the Original.

d) 30

e) None of these

Answer & Explanation

8. **A man has 2000 rupees in his account two years ago. In the first year he deposited 20 percent of the amount in his account. In the next year he deposited 10 percent of the increased amount in the account. Find the total amount in the account of the person after 2 years.**

a) 2650

b) 2640

c) 2740

d) 2840

e) None of these

Answer & Explanation

9. **1000 sweets need to be distributed equally among the school students in such a way that each student gets sweet equal to 10% of total students. Then the number of sweets, each student gets.**

a) 10

b) 12

Note: The Information Provided here is only for reference. It May vary the Original.

c) 14
d) 16
e) None of these

Answer & Explanation

10. **If the price of an article is increased by 15%, then by how much the household should decrease their consumption so as to keep his expenditure same.**
a) 13(1/23) %
b) 13(2/23)%
c) 11(1/23)%
d) 11(2/23)%
e) None of these

Answer & Explanation

1. **In an election contested by two parties A and B, party A secured 25 percent of the total votes more than Party B. If party B gets 15000 votes. By how much votes does party B loses the election?**
a) 8000
b) 10000
c) 12000
d) 15000
e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **A vendor sells 50 percent of apples he had and throws away 20 percent of the remainder. Next day he sells 60 percent of the remainder and throws away the rest. What percent of his apples does the vendor throw?**

   a) 20%

   b) 22%

   c) 24%

   d) 26%

   e) None of these

   Answer & Explanation

3. **40% of the women are above 30 years of age and 80 percent of the women are less than or equal to 50 years of age. 20 percent of all women play basketball. If 30 percent of the women above the age of 50 plays basketball, what percent of players are less than or equal to 50 years?**

   a) 50%

   b) 60%

   c) 70%

Note: The Information Provided here is only for reference. It May vary the Original.

d) 80%

e) None of these

Answer & Explanation

4. **Alisha goes to a supermarket and bought things worth rupees 60, out of which 40 paise went on sales tax. If the tax rate is 10 percent, then what was the cost of tax free items?**

a) 54.60

b) 55.60

c) 56.60

d) 57.60

e) None of these

Answer & Explanation

5. **60 percent of the employees of a company are women and 75% of the women earn 20000 or more in a month. Total number of employees who earns more than 20000 per month in the company is 60 percent of the total employees. What fraction of men earns less than 20000 per month?**

Note: The Information Provided here is only for reference. It May vary the Original.

a) 5/8
b) 5/7
c) 1/5
d) 3/4
e) None of these

Answer & Explanation

6. **In a library, 30% of the books are in History. 50% of the remaining are in English and 40% of the remaining are in German. The remaining 4200 books are in regional languages. What is the total number of books in library?**
a) 10000
b) 15000
c) 20000
d) 25000
e) None of these

Answer & Explanation

7. **A got 30% of the maximum marks in an examination and failed by 10 marks. However, B who took the same examination got 40% of the total marks and got 15 marks more than the passing marks. What were the passing marks in the**

Note: The Information Provided here is only for reference. It May vary the Original.

examination?

a) 65

b) 75

c) 80

d) 90

e) None of these

Answer & Explanation

8. **The population of a town is 15000. It increases by 10 percent in the first year and 20 percent in the second year. But in the third year it decreases by 10 percent. What will be the population after 3 years.**

a) 16820

b) 15820

c) 17820

d) 19820

e) None of these

Answer & Explanation

9. **30 litre of solution contains alcohol and water in the ratio 2:3. How much alcohol must be added to the solution to make a solution containing 60% of alcohol?**

a) 10

Note: The Information Provided here is only for reference. It May vary the Original.

b) 12
c) 14
d) 15
e) None of these

Answer & Explanation

10. **2000 sweets need to be distributed equally among the school students in such a way that each student gets sweet equal to 20% of total students. Then the number of sweets, each student gets.**
a) 50
b) 100
c) 120
d) 150
e) None of these

Answer & Explanation

1. **In an election contested by two parties A and B, party A secured 25 percent of the total votes more than Party B. If party B gets 15000 votes. By how much votes does party B loses the election?**
a) 8000
b) 10000
c) 12000
d) 15000
e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **A vendor sells 50 percent of apples he had and throws away 20 percent of the remainder. Next day he sells 60 percent of the remainder and throws away the rest. What percent of his apples does the vendor throw?**

a) 20%

b) 22%

c) 24%

d) 26%

e) None of these

Answer & Explanation

3. **40% of the women are above 30 years of age and 80 percent of the women are less than or equal to 50 years of age. 20 percent of all women play basketball. If 30 percent of the women above the age of 50 plays basketball, what percent of players are less than or equal to 50 years?**

a) 50%

b) 60%

c) 70%

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d) 80%

e) None of these

Answer & Explanation

4. **Alisha goes to a supermarket and bought things worth rupees 60, out of which 40 paise went on sales tax. If the tax rate is 10 percent, then what was the cost of tax free items?**

a) 54.60

b) 55.60

c) 56.60

d) 57.60

e) None of these

Answer & Explanation

5. **60 percent of the employees of a company are women and 75% of the women earn 20000 or more in a month. Total number of employees who earns more than 20000 per month in the company is 60 percent of the total employees. What fraction of men earns less than 20000 per month?**

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a) 5/8
b) 5/7
c) 1/5
d) 3/4
e) None of these

Answer & Explanation

6. **In a library, 30% of the books are in History. 50% of the remaining are in English and 40% of the remaining are in German. The remaining 4200 books are in regional languages. What is the total number of books in library?**
a) 10000
b) 15000
c) 20000
d) 25000
e) None of these

Answer & Explanation

7. **A got 30% of the maximum marks in an examination and failed by 10 marks. However, B who took the same examination got 40% of the total marks and got 15 marks more than the passing marks. What were the passing marks in the**

examination?

a) 65

b) 75

c) 80

d) 90

e) None of these

Answer & Explanation

8. **The population of a town is 15000. It increases by 10 percent in the first year and 20 percent in the second year. But in the third year it decreases by 10 percent. What will be the population after 3 years.**

a) 16820

b) 15820

c) 17820

d) 19820

e) None of these

Answer & Explanation

9. **30 litre of solution contains alcohol and water in the ratio 2:3. How much alcohol must be added to the solution to make a solution containing 60% of alcohol?**

a) 10

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b) 12
c) 14
d) 15
e) None of these

Answer & Explanation

10. **2000 sweets need to be distributed equally among the school students in such a way that each student gets sweet equal to 20% of total students. Then the number of sweets, each student gets.**
a) 50
b) 100
c) 120
d) 150
e) None of these

Answer & Explanation

1. **A reduction of 20% percent in the price of rice enables a housewife to buy 5 kg more for rupees 1200. The reduced price per kg of rice**
a) 36
b) 45
c) 48
d) 60
e) None of these

Answer & Explanation

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2. **The population of a village has increased annually at the rate of 20%. If at the end of 3 years it is 21600, the population in the beginning of the first year?**
   a) 10000
   b) 12500
   c) 15000
   d) 17500
   e) None of these

Answer & Explanation

3. **12 percent of the voters in an election did not cast their votes. In this election there are only two candidates. The winner by obtaining 45% of the total votes and defeated his rival by 2000 votes. The total number of votes in the election**
   a) 50000
   b) 75000
   c) 100000
   d) 125000
   e) None of these

Answer & Explanation

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4. **A number is first decreased by 25%. The decreased number is then increased by 20%. The resulting number is less than the original number by 40. Then the original number is –**

a) 100

b) 200

c) 300

d) 400

e) None of these

Answer & Explanation

5. **The number of seats in a cinema hall is decreased by 8% and also the price of the ticket is increased by 4 percent. What is the effect on the revenue collected?**

a) increase 4.32%

b) decrease 4.32%

c) increase 3.32 percent

d) decrease 3.32%

e) None of these

Answer & Explanation

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6. **A man spends 60% of his income. His income is increased by 20% and his expenditure also increases by 10%. Find the percentage decrease in his saving?**

a) 10%

b) 15%

c) 20%

d) 25%

e) None of these

Answer & Explanation

7. **Weights of two friends A and B are in the ratio of 1:2. A's weight increases by 20% and the total weight of A and B together becomes 60 kg, with an increase of 30%. By what percent the weight of B increase?**

a) 30%

b) 35%

c) 40%

d) 45%

e) None of these

Answer & Explanation

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8. **The marked price of an article is 20% higher than the cost price. A discount of 20% is given on the marked price. In this transaction the seller**

a) bears no loss no profit

b) losses 4%

c) gain 4%

d) losses 1%

e) None of these

Answer & Explanation

9. **When the price of rice is increased by 30 percent, a family reduces its consumption such that the expenditure is only 20 percent more than before. If 50 kg of rice is consumed by family before, then find the new consumption of family (approx.)**

a) 43kg

b) 44kg

c) 45kg

d) 46kg

e) None of these

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Answer & Explanation

10. **A man has 4000 rupees in his account two years ago. In the first year he deposited 20 percent of the amount in his account. In the next year he deposited 10 percent of the increased amount in the account. Find the total amount in the account of the person after 2 years.**

a) 6650
b) 5280
c) 5740
d) 5840
e) None of these

Answer & Explanation

1. **In a class, 60% of the students are boys and in an examination, 80% of the girls scored more than 40 marks(Maximum Marks:150). If 60% of the total students scored more than 40 marks in the same exam, what is the fraction of the boys who scored 40 marks or less.**

A.8/15
B.7/15
C.4/5
D.1/5

Answer & Explanation

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2. **In an election 10% of the voters on the voters' list did not cast votes and 60 voters cast their ballot papers blank. There were only two candidates. The winner was supported by 47% of all voters in the list and he got 308 votes more than his rival. The number of voters on the list was:**

A. 3600

B. 6200

C. 4575

D. 6028

Answer & Explanation

3. **Deepak was to get a 50% hike in his pay but the computer operator wrongly typed the figure as 80% and printed the new pay slip. He received this revised salary for three months before**

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the organization realized the mistake. What percentage of his correct new salary will get in the fourth month, if the excess paid to him in the previous three months is to be deducted from his fourth month?

A. 30%

B. 40%

C. 45%

D. 25%

Answer & Explanation

4. **The prices of two articles are in the ratio 3 : 4. If the price of the first article be increased by 10% and that of the second by Rs. 4, the original ratio remains the same. The original price of the second article is**

A. Rs.40

B. Rs.35

C. Rs.10

D. Rs.30

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

5. **The ratio of the number of boys and girls in a school is 3:2. If 20% of the boys and 25% of the girls are scholarship holders, the percentage of the students who are not scholarship holders is**

A. 30%

B. 60%

C. 75%

D. 78%

Answer & Explanation

6. **Sohan spends 23% of an amount of money on an insurance policy, 33% on food, 19% on children's education and 16% on recreation. He deposits the remaining amount of Rs. 504 in bank. How much total amount did he spend on food and insurance policy together?**

A. Rs.3146

B. Rs.3126

C. Rs.3136

D. Rs.3048

Answer & Explanation

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7. **Deepika went to a fruit shop with a certain amount of money. She retains 15% of her money for auto fare. She can buy either 40 apples or 70 oranges with that remaining amount. If she buys 35 oranges, how many more apples she can buy?**

A. 35

B. 40

C. 15

D. 20

Answer & Explanation

8. **The price of a car is Rs. 4,50,000. It was insured to 80% of its price. The car was damaged completely in an accident and the insurance company paid 90% of the insurance. What was the difference between the price of the car and the amount received?**

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A. Rs.1,76,375
B. Rs.3,24,000
C. Rs.1,82,150
D. Rs.1,26,000

Answer & Explanation

9. **The tank-full petrol in Arun's motor-cycle last for 10 days. If he starts using 25% more every day, how many days will the tank-full petrol last?**

A.4
B.6
C.8
D.10

Answer & Explanation

10. **Last year there were 610 boys in a school. The number decreased by 20 percent this year. How many girls are there in the school if the number of girls is 175 percent of the total number of boys in the school this year ?**

A. 854
B. 848
C. 798
D. 782

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

1. **In a class of 60 students , 40% of the students passed in Reasoning, 5% of the students failed in Quants and Reasoning, and 20% of the students passed in both the subjects. Find the number of student passed only in Quants?**

   1.17

   2.33

   3.23

   4.37

   5.None of these

   Answer & Explanation

2. **The maximum marks per paper in 3 subjects in Mathematics , Physics and Chemistry are set in the ratio 1 : 2 : 3 respectively. Giri obtained 40% in Mathematics, 60% in Physics and 35% in Chemistry papers. What is overall percentage marks did he get overall?**

   1.44%

   2.32%

   3.50%

   4.60%

   5.None of these

   Answer & Explanation

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